A patent medicine, long vended in this state under the name of Chamberlain's Bilious Cordial, was a tincture of this bark combined with various aromatic seeds.

The bark is said to be rubefacient when externally applied, and even capable of exciting a blister. Of this I have had no experience.

BOTANICAL REFERENCES.

Juglans cinerea, LINNÆUS, *Sp. pl.*—JACQUIN, *Ic. rar.* i. *t.* 192.—WILLDENOW, *arb.* 156.—WANGENHEIM, *Amer.* 21. *t.* 9. *f.* 21.—MICHAUX, ii. 191.—PURSH, ii. 636.

Juglans oblonga RETZ. *Obs.* i. p. 10.—Juglans cathartica, MICHAUX, FIL. *Arbres forestiers,* i. 165.

MEDICAL REFERENCES.

THACHER, *Disp.* 245.—BART. *Col.* 23. 32.—RUSH, *Med. Obs.* i. 112.

PLATE XXXII.

Fig. 1. *A branch of Juglans cinerea in flower, the leaves not fully expanded.*

Fig. 2. *A scale or barren flower from the ament magnified.*

Fig. 3. *A fertile flower magnified.*

Fig. 4. *The fruit.*